

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 1085-012US01 U.S. APPLICATION NO. (if known) see 37 CFR 1.5 10857565-1
INTERNATIONAL APPLICATION NO. PCT/IB2005/003015	INTERNATIONAL FILING DATE 11 October 2005	PRIORITY DATE CLAIMED 12 October 2004
TITLE OF INVENTION VIBRATION DAMPING FOR A ROTATING SHAFT		
APPLICANT(S) FOR DO/EO/US TSUYOSHI NAKAJIMA		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (known/refer to CFR 1.5) 1085-012US01	INTERNATIONAL APPLICATION NO. PCT/IB2005/003015	ATTORNEY'S DOCKET NUMBER 1085-012US01																																																																																																																																						
20. Other items or information:																																																																																																																																								
<p>The following fees have been submitted</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....</td> <td>\$300</td> <td>CALCULATIONS</td> <td>PTO USE ONLY</td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))</td> <td></td> <td>\$</td> <td>300.00</td> </tr> <tr> <td>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....</td> <td>\$0</td> <td>\$</td> <td></td> </tr> <tr> <td>All other situations.....</td> <td>\$200</td> <td>200.00</td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))</td> <td></td> <td>\$</td> <td></td> </tr> <tr> <td>If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....</td> <td>\$0</td> <td></td> <td></td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....</td> <td>\$100</td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....</td> <td>\$400</td> <td>400.00</td> <td></td> </tr> <tr> <td>All other situations.....</td> <td>\$500</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF 21, 22 and 23 =</td> <td>900.00</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td></td> <td></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td colspan="2">CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td>\$</td> </tr> <tr> <td colspan="2">Total claims</td> <td>22-20 =</td> <td>2</td> <td>x \$ 50</td> <td>\$ 100.00</td> </tr> <tr> <td colspan="2">Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td>x \$200</td> <td>\$ 200.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td></td> <td>+ \$360</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1200.00</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>SUBTOTAL =</td> <td>\$ 1200.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td></td> <td></td> <td>+</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>TOTAL NATIONAL FEE =</td> <td>\$ 1200.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td></td> <td></td> <td>+</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>TOTAL FEES ENCLOSED =</td> <td>\$ 1200.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Amount to be charged</td> <td>\$</td> </tr> </table>			21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300	CALCULATIONS	PTO USE ONLY	22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))		\$	300.00	If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....	\$0	\$		All other situations.....	\$200	200.00		23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))		\$		If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....	\$0			Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100			International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....	\$400	400.00		All other situations.....	\$500			TOTAL OF 21, 22 and 23 =		900.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	0.00	CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims		22-20 =	2	x \$ 50	\$ 100.00	Independent claims		4 - 3 =	1	x \$200	\$ 200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$ 0.00					TOTAL OF ABOVE CALCULATIONS =	\$ 1200.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.										SUBTOTAL =	\$ 1200.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$ 0.00					TOTAL NATIONAL FEE =	\$ 1200.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$					TOTAL FEES ENCLOSED =	\$ 1200.00					Amount to be refunded:	\$					Amount to be charged	\$
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300	CALCULATIONS	PTO USE ONLY																																																																																																																																					
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))		\$	300.00																																																																																																																																					
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....	\$0	\$																																																																																																																																						
All other situations.....	\$200	200.00																																																																																																																																						
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))		\$																																																																																																																																						
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....	\$0																																																																																																																																							
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100																																																																																																																																							
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....	\$400	400.00																																																																																																																																						
All other situations.....	\$500																																																																																																																																							
TOTAL OF 21, 22 and 23 =		900.00																																																																																																																																						
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																																																								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																																					
- 100 =	/50 =		x \$250																																																																																																																																					
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	0.00																																																																																																																																					
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$																																																																																																																																			
Total claims		22-20 =	2	x \$ 50	\$ 100.00																																																																																																																																			
Independent claims		4 - 3 =	1	x \$200	\$ 200.00																																																																																																																																			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$ 0.00																																																																																																																																			
				TOTAL OF ABOVE CALCULATIONS =	\$ 1200.00																																																																																																																																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																																																																																																																																								
				SUBTOTAL =	\$ 1200.00																																																																																																																																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$ 0.00																																																																																																																																			
				TOTAL NATIONAL FEE =	\$ 1200.00																																																																																																																																			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$																																																																																																																																			
				TOTAL FEES ENCLOSED =	\$ 1200.00																																																																																																																																			
				Amount to be refunded:	\$																																																																																																																																			
				Amount to be charged	\$																																																																																																																																			

10-573634

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- 1AP20 Rec'd PTO 28 MAR 2006
- a. A check in the amount of \$ 1200.00 to cover the above fees is enclosed.
 - b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
 - c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1778. A duplicate copy of this sheet is enclosed.
 - d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card Information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Kent J. Sieffert
Shumaker & Sieffert, P.A.
8425 Seasons Parkway, Suite 105
St. Paul, Minnesota 55125
U.S.A.

Kent J. Sieffert

SIGNATURE

Kent J. Sieffert

NAME

41.312

REGISTRATION NUMBER

101573634
IAP20 Rec'd PCT/PTO 28 MAR 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tsuyoshi Nakajima

Filed: Herewith Customer No.: 28863

Docket No.: 1085-012US01

Title: VIBRATION DAMPING FOR A ROTATING SHAFT

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV744405224US

Date of Deposit: March 28, 2006

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Alexandria, VA 22313-1450.

By: 
Name: Connie Scheff

REQUEST FOR NATIONAL PHASE FILING UNDER 35 U.S.C. 371

MAIL STOP PCT
Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

This is a National Stage filing under 35 U.S.C. 371 of International Application No. PCT/IB2005/003015, filed October 11, 2005, which claims priority to Japanese Patent Application No. 2005-295449, filed October 7, 2005, and Japanese Patent Application No. 2004-297391, filed October 12, 2004.

We are transmitting herewith the attached correspondence relating to this application:

- Transmittal sheet containing Certificate of Mailing (2 pgs.).
- Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371 (3 pgs.).
- English Translation of the Application: Spec. (20 pgs.); Claims (4 pgs.); Abstract (1 pg.).
- Fourteen (14) Sheets Drawings.
- Signed Combined Declaration and Power of Attorney (3 pgs.).
- Application Data Sheet (2 pgs.).
- Form PTO-1449 (1 pg.) with Cited References.
- Copy of International Application as filed.
- Check in the amount of \$1200.00 for the filing fee.
- Return postcard.

10/673634
IAP20 Rec'd PCT/PTO 28 MAR 2006

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (651) 735-1100.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to Practitioners at Customer Number 28863.



28863

PATENT TRADEMARK OFFICE

Date:

March 28, 2006

SHUMAKER & SIEFFERT, P.A.
8425 Seasons Parkway, Suite 105
St. Paul, Minnesota 55125
Telephone: 651.735.1100
Facsimile: 651.735.1102

By:

Kent J. Sieffert
Name: Kent J. Sieffert
Reg. No.: 41,312